

REMARKS

Amendment (D) was filed electronically on August 10, 2006. About one hour after Amendment (D) was filed, Examiner Pappas (571-272-7646) contacted Applicants' representative, Wesley Ashton, to discuss Amendment (D). In accordance with this August 10th telephone discussion between Applicants' representative and Examiner Pappas on August 10, 2006, claim 5 has been further amended to recite "rendering and displaying an implicit function curved surface..." as supported on page 14, lines 20-22, of the substitute specification filed August 12, 2005, which corresponds to page 14, lines 1-3, of the originally filed specification.

In view of the present amendment, method claims 5-8 now produce a "useful, concrete and tangible result" in compliance with 35 U.S.C. § 101. State Street Bank & Trust Co. v. Signature Financial Group Inc., 47 U.S.P.Q.2d 1596, 1601 (Fed. Cir. 1998).

New independent claim 18 has been added recite subject matter similar to claim 5, except that claim 18 recites the following step: "rendering an implicit function curved surface from the implicit volume function of the real value to a display." The subject matter of new claim 18 is supported by previous claim 5 and by the description on page 14, lines 20-22, of the substitute specification filed August 12, 2005, which corresponds to page 14, lines 1-3, of the originally filed specification.

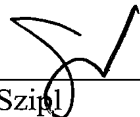
No new matter has been added to the above-captioned application by the present amendment.

For the reasons of record, the claims 5-8 and 18 are now in condition for allowance and a prompt notice of allowance is earnestly solicited.

Questions are welcomed by the below-signed attorney for Applicants.

Respectfully submitted,

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